

**COMPANY:** Goldstream Mining NL - Titan Resources NL  
**PROJECT:** Lynchford EL 9/84  
**HOLE NUMBER:** LYN010 & LYN101A

|                    |                |
|--------------------|----------------|
| <b>Commenced:</b>  | 14 Feb 95      |
| <b>Completed:</b>  | 13 Mar 95      |
| <b>Logged By:</b>  | L A Newnham    |
| <b>Drilled By:</b> | Dia. Drill Tas |

| Purpose of Hole  |
|--|
| To test at depth, the southern extension of the Au-As mineralisation encountered in surface exposures, adits and shallow RC and cored holes. |

| Comments on Completion   |
|--|
| Only very minor gold and low As was intersected in a very degraded sequence of limestones and sandstones with poor core recoveries. Significant As from 218-222 m. |

**Collar Details**

| Grid | Northing | Easting | Elevation | Dip | Bearing |
|------|----------|---------|-----------|-----|---------|
| AMG  | 5333,425 | 376,020 | 1115      | -60 | 268     |

| Length (m) |
|------------|
| 257        |

| Hole Size |      |
|-----------|------|
| To (m)    | Size |
| 171       | HQ   |
| 221       | NQ   |
| 257       | BQ   |

| Significant Core Loss Zones |     |             |
|-----------------------------|-----|-------------|
| From                        | To  | %Rec.       |
| 160                         | 230 | Severe core |
|                             |     | loss (see   |
|                             |     | log)        |

| Hole Condition on Completion    |
|---------------------------------|
| All casing withdrawn from hole. |

**Summary of Results**

| Depth |       | Recovery | Description                             | Assays |       |      |    |    |    |    |   |
|-------|-------|----------|---|--------|-------|------|----|----|----|----|---|
| From  | To    | %        |   | Length | Au    | As   | Cu | Pb | Zn | As | S |
|       |       |          | No significant assays                   |        |       |      |    |    |    |    |   |
| 184.5 | 186.0 | 40       | Leached limestones                      | 1.5    | 0.13  | 51   |    |    |    |    |   |
| 218.0 | 222.0 | 60       | Fossiliferous siltstones and sandstones | 4.0    | 0.046 | 1095 |    |    |    |    |   |
|       |       |          |   |        |       |      |    |    |    |    |   |
|       |       |          |   |        |       |      |    |    |    |    |   |

**DOWN HOLE SURVEY DATA**

**COMPANY: Goldstream Mining-Titan Resources**  
**PROJECT: Lynchford E.L.9/84**  
**HOLE NUMBER: LYN 010 and LYN 010A**

| Depth<br>(m) | Dip   | Bearing<br>(AMG) | Interval |       | Length<br>(D) | Vertical Distance |         | Horizontal Distance |                  | Co-ordinates                |                |                             |                |
|--------------|-------|------------------|----------|-------|---------------|-------------------|---------|---------------------|------------------|-----------------------------|----------------|-----------------------------|----------------|
|              |       |                  | From     | To    |               | D.sin dip         | R.L.    | D. cos dip<br>(HD)  | Cumulative<br>HD | N. distance<br>HD. cos brg. | N. co-ordinate | E. distance<br>HD. sin brg. | E. co-ordinate |
| COLLAR       | -60   | 268              |          |       |               |                   | 1115.00 |                     | 0.00             |                             | 5,333,425.0    |                             | 376,020.0      |
| 0            | -60   | 268              | 0        | 37.5  | 37.5          | 32.48             | 1082.52 | 18.75               | 18.75            | -0.65                       | 5,333,424.3    | -18.74                      | 376,001.3      |
| 75           | -60.3 | 263              | 37.5     | 112.5 | 75            | 65.15             | 1017.38 | 37.16               | 55.91            | -4.53                       | 5,333,419.8    | -36.88                      | 375,964.4      |
| 150          | -55.5 | 258              | 112.5    | 187.5 | 75            | 61.81             | 955.57  | 42.48               | 98.39            | -8.83                       | 5,333,411.0    | -41.55                      | 375,922.8      |
| 225          | -59.5 | 249              | 187.5    | 241   | 53.5          | 46.10             | 909.47  | 27.15               | 125.54           | -9.73                       | 5,333,401.3    | -25.35                      | 375,897.5      |
| 257          | -59.5 | 249              | 241      | 257   | 16            | 13.79             | 895.68  | 8.12                | 133.66           | -2.91                       | 5,333,398.3    | -7.58                       | 375,889.9      |
| 257          |       |                  |          |       |               |                   |         |                     |                  |                             |                |                             |                |

746039

COMPANY: Goldstream-Titan  
 PROJECT: Lynchford  
 HOLE NUMBER: LYN010

| Description |       | Core Recovery   |      |       | RQD |      |    | Assays |      |      |        |     |  |  |  |  |  |
|-------------|-------|---|------|-------|-----|------|----|--------|------|------|--------|-----|--|--|--|--|--|
| From        | To    |   | From | To    | %   | From | To | %      | From | To   | Au     | As  |  |  |  |  |  |
| 0           | 3.0   | No Core.  | 0.0  | 3.0   | 0   |      |    |        |      |      |        |     |  |  |  |  |  |
| 3.0         | 7.5   | Sandy Mud   | 3.0  | 6.0   | 20  |      |    |        |      |      |        |     |  |  |  |  |  |
|             |       | Dark grey.  | 6.0  | 7.5   | 20  |      |    |        |      |      |        |     |  |  |  |  |  |
|             |       |   | 7.5  | 103.8 | 100 |      |    |        |      |      |        |     |  |  |  |  |  |
| 7.5         | 132.4 | Limestone   |      |       |     |      |    |        |      |      |        |     |  |  |  |  |  |
|             |       | Fresh, dark grey.   |      |       |     |      |    |        | 61.0 | 62.0 | <0.008 | 7.5 |  |  |  |  |  |
|             |       | BCA 8 m: 45°.   |      |       |     |      |    |        | 62.0 | 63.0 | <0.008 | 7.1 |  |  |  |  |  |
|             |       | White calcite veins throughout but abundant in some intervals, (eg) 10.8-13.0 metres.   |      |       |     |      |    |        | 63.0 | 64.0 | <0.008 | 6.0 |  |  |  |  |  |
|             |       | Calcite often filling open joints as coarse translucent crystalline calcite.  |      |       |     |      |    |        | 64.0 | 65.0 | <0.008 | 2.5 |  |  |  |  |  |
|             |       | 20.0 - 23.0 m: limestone dark grey-black and very broken by jointing and carbonaceous material on joints.   |      |       |     |      |    |        | 65.0 | 66.0 | <0.008 | 5.4 |  |  |  |  |  |
|             |       | BCA gradually flattening below 10 m, to 20-30° and occasionally parallel CA. Tracy pyrite (0.5%) throughout as syngenetic streaks and disseminations on bedding planes and stylolitic surfaces. |      |       |     |      |    |        |      |      |        |     |  |  |  |  |  |
|             |       | BCA generally 30-40° below 40 m.  |      |       |     |      |    |        |      |      |        |     |  |  |  |  |  |
|             |       | 60.8 - 66.5 m: limestone brecciated and cut by intense network of calcite veins and infilling in breccia interstices. 1-2% pyrite in breccia, in ground mass and replacing limestone fragments. |      |       |     |      |    |        |      |      |        |     |  |  |  |  |  |
|             |       | Below 70 m BCA generally 40°.   |      |       |     |      |    |        |      |      |        |     |  |  |  |  |  |
|             |       | 98.0 - 101.1 m: limestone brecciated, with abundant calcite as cross cutting veins and as breccia ground mass.  |      |       |     |      |    |        |      |      |        |     |  |  |  |  |  |

746040

COMPANY: Goldstream-Titan  
 PROJECT: Lynchford  
 HOLE NUMBER: LYN010

| Description |       | Core Recovery  |   |       | RQD   |      |    | Assays |      |       |       |        |      |  |  |  |  |  |  |  |  |
|-------------|-------|--|---|-------|-------|------|----|--------|------|-------|-------|--------|------|--|--|--|--|--|--|--|--|
| From        | To    |  | From  | To    | %     | From | To | %      | From | To    |       |        |      |  |  |  |  |  |  |  |  |
| 132.4       | 143.0 | 101.1 - 132.4 m: massive limestone with abundant calcite veining; minor disseminated pyrite, syngenetic grains and in stylolites. Limestone broken by several joint sets and micro faulting. Very broken at 122.0-125.0 m.   | 103.8   | 160.0 | 100   |      |    |        |      |       |       |        |      |  |  |  |  |  |  |  |  |
|             |       |  | 160.0   | 161.5 | 66    |      |    |        |      |       |       |        |      |  |  |  |  |  |  |  |  |
|             |       |  | 161.5   | 162.0 | 80    |      |    |        |      |       |       |        |      |  |  |  |  |  |  |  |  |
|             |       |  | 162.0   | 163.0 | 60    |      |    |        |      |       |       |        |      |  |  |  |  |  |  |  |  |
|             |       |  | 163.0   | 170.0 | 100   |      |    |        |      |       |       |        |      |  |  |  |  |  |  |  |  |
|             |       |  | 170.0   | 171.9 | 45    |      |    |        |      |       |       |        |      |  |  |  |  |  |  |  |  |
|             |       |  | 171.9   | 172.7 | 100   |      |    |        |      |       |       |        |      |  |  |  |  |  |  |  |  |
|             |       | Sandstone, Calcite Veined  | Grey, medium grained sandstone with calcareous cement. Random network quartz-calcite veins. | 172.7 | 175.2 | 100  |    |        |      |       |       |        |      |  |  |  |  |  |  |  |  |
|             |       |  |   | 175.2 | 177.9 | 4    |    |        |      | 132.5 | 133.5 | <0.008 | 9.7  |  |  |  |  |  |  |  |  |
|             |       |  |   | 177.9 | 178.6 | 60   |    |        |      | 133.5 | 134.5 | <0.008 | 12.0 |  |  |  |  |  |  |  |  |
|             |       |  |   | 178.6 | 179.0 | 100  |    |        |      | 134.5 | 135.5 | <0.008 | 12.0 |  |  |  |  |  |  |  |  |
|             |       |  |   | 179.0 | 181.6 | 28   |    |        |      | 135.5 | 136.5 | <0.008 | 14.0 |  |  |  |  |  |  |  |  |
|             |       |  |   | 181.6 | 182.2 | 16   |    |        |      | 136.5 | 137.5 | <0.008 | 13.0 |  |  |  |  |  |  |  |  |
|             |       |  |   | 182.2 | 183.0 | 12   |    |        |      | 137.5 | 138.5 | <0.008 | 50.0 |  |  |  |  |  |  |  |  |
| 183.0       | 186.0 |  |   | 13    |       |      |    |        |      |       |       |        |      |  |  |  |  |  |  |  |  |
| 186.0       | 189.0 |  |   | 7     |       |      |    |        |      |       |       |        |      |  |  |  |  |  |  |  |  |
| 189.0       | 190.4 |  |   | 85    |       |      |    |        |      |       |       |        |      |  |  |  |  |  |  |  |  |
| 143.0       | 153.5 | Fossiliferous Siltstone<br><br>Dark grey siltstone with minor calcareous sandstone beds; abundant fossils? (?crinoid stems).<br><br>BCA 40-45°.<br><br>2-10 mm calcite veins in top half of unit; 70-80° CA.<br><br>0.5-1% fine grain pyrite (syngenetic). Thin less than 1 mm carbonate veins in bottom half of unit.<br><br>Becomes gritting towards base and grades into: | 190.4   | 191.3 | 100   |      |    |        |      |       |       |        |      |  |  |  |  |  |  |  |  |
|             |       |  | 191.3   | 194.0 | 5     |      |    |        |      |       |       |        |      |  |  |  |  |  |  |  |  |
|             |       |  | 194.0   | 196.0 | 75    |      |    |        |      |       |       |        |      |  |  |  |  |  |  |  |  |
|             |       |  | 196.0   | 201.1 | 0     |      |    |        |      |       |       |        |      |  |  |  |  |  |  |  |  |
|             |       |  | 201.1   | 203.0 | 28    |      |    |        |      |       |       |        |      |  |  |  |  |  |  |  |  |
|             |       |  | 203.0   | 204.5 | 0     |      |    |        |      |       |       |        |      |  |  |  |  |  |  |  |  |
|             |       |  | 204.5   | 205.5 | 10    |      |    |        |      |       |       |        |      |  |  |  |  |  |  |  |  |
|             |       |  | 205.5   | 206.5 | 40    |      |    |        |      |       |       |        |      |  |  |  |  |  |  |  |  |
|             |       |  | 206.5   | 207.6 | 40    |      |    |        |      |       |       |        |      |  |  |  |  |  |  |  |  |
|             |       |  | 207.6   | 209.6 | 10    |      |    |        |      |       |       |        |      |  |  |  |  |  |  |  |  |
|             |       |  | 209.6   | 210.7 | 35    |      |    |        |      |       |       |        |      |  |  |  |  |  |  |  |  |
|             |       |  | 210.7   | 211.2 | 80    |      |    |        |      |       |       |        |      |  |  |  |  |  |  |  |  |
|             |       |  | 211.2   | 212.1 | 24    |      |    |        |      |       |       |        |      |  |  |  |  |  |  |  |  |
|             |       |  | 212.1   | 214.6 | 0     |      |    |        |      |       |       |        |      |  |  |  |  |  |  |  |  |
| 214.6       | 216.0 | 35   |   |       |       |      |    |        |      |       |       |        |      |  |  |  |  |  |  |  |  |
| 216.0       | 218.5 | 0  |   |       |       |      |    |        |      |       |       |        |      |  |  |  |  |  |  |  |  |
| 218.5       | 219.5 | 30   |   |       |       |      |    |        |      |       |       |        |      |  |  |  |  |  |  |  |  |

246041

COMPANY: Goldstream-Titan  
 PROJECT: Lynchford  
 HOLE NUMBER: LYN010

| Description |       | Core Recovery  |      |    | RQD |      |    | Assays |      |       |       |        |    |  |  |  |  |  |
|-------------|-------|--|------|----|-----|------|----|--------|------|-------|-------|--------|----|--|--|--|--|--|
| From        | To    |  | From | To | %   | From | To | %      | From | To    | Au    | As     |    |  |  |  |  |  |
| 153.5       | 194.0 | <b>Sandstone-Siltstones</b><br><br>Dark grey, broken sandstones with interbedded siltstone, sandstone has calcareous matrix.<br><br>BCA variable 50-70%.<br><br>Random calcite veining common.<br><br>1-2% pyrite disseminated throughout; some beds with 2-5% pyrite as blebs, aggregates and heavily disseminated.<br><br>Unit generally broken with very poor recoveries below 177 m (hole was redrilled below 155 m - refer to log LYN010A).<br><br>Becomes calcareous towards base and grades into: |      |    |     |      |    |        |      |       |       |        |    |  |  |  |  |  |
|             |       |  |      |    |     |      |    |        |      | 154.0 | 155.0 | <0.008 | 25 |  |  |  |  |  |
|             |       |  |      |    |     |      |    |        |      | 155.0 | 156.0 | <0.008 | 40 |  |  |  |  |  |
|             |       |  |      |    |     |      |    |        |      | 156.0 | 157.0 | <0.008 | 13 |  |  |  |  |  |
| 194.0       | 219.5 | <b>Clays, Sandstone</b><br><br>Poor recoveries.<br><br><b>194.0 - 204.0 m:</b> black clays.<br><br><b>204.0 - 209.6 m:</b> limonitic sandstone.<br><br><b>209.6 - 211.2 m:</b> light grey clays, sandy.<br><br><b>211.2 - 219.5 m:</b> grey siltstone and clays.<br><br>Difficult to advance hole beyond this point. In attempting to ream casing, a new hole was commenced (HQ) at 156 m and recorded as LYN010A.<br><br>*** END OF HOLE ***  |      |    |     |      |    |        |      |       |       |        |    |  |  |  |  |  |

246042



COMPANY: Goldstream-Titan  
 PROJECT: Lynchford  
 HOLE NUMBER: LYN010A

| Description |       | Core Recovery   |       |       | RQD |      |    | Assays |       |       |        |      |  |  |  |  |  |  |
|-------------|-------|---|-------|-------|-----|------|----|--------|-------|-------|--------|------|--|--|--|--|--|--|
| From        | To    |   | From  | To    | %   | From | To | %      | From  | To    | Au     | As   |  |  |  |  |  |  |
| 184.5       | 202.0 | <b>Leached Limestone (severe core loss)</b><br><br>Mixed zone of black-orange sandy clays and narrow beds of light grey limestone.<br><br>BCA 30°<br><br>Core loss is extreme with only 1.5 m mud and 1.5 m limestone recovered.  | 184.5 | 186.0 | 40  |      |    |        | 184.5 | 186.0 | 0.129  | 51   |  |  |  |  |  |  |
|             |       |   | 186.0 | 188.0 | 0   |      |    |        |       |       |        |      |  |  |  |  |  |  |
|             |       |   | 188.0 | 190.0 | 50  |      |    |        | 188.0 | 190.0 | 0.024  | 65   |  |  |  |  |  |  |
|             |       |   | 190.0 | 192.0 | 10  |      |    |        | 190.0 | 195.0 | 0.030  | 17   |  |  |  |  |  |  |
|             |       |   | 192.0 | 195.0 | 13  |      |    |        | 201.0 | 204.0 | 0.042  | 82   |  |  |  |  |  |  |
|             |       |   | 195.0 | 201.0 | 0   |      |    |        |       |       |        |      |  |  |  |  |  |  |
|             |       |   | 201.0 | 202.0 | 40  |      |    |        |       |       |        |      |  |  |  |  |  |  |
| 202.0       | 213.0 | <b>Sandstone Limonitic, Fossiliferous</b><br><br>Medium grained sandstone, limonitic (after leached pyrite?).<br><br>Unit very broken and poor recoveries.<br><br>Minor pyrite in fresher sections near base of unit.<br><br>Crinoid stems.   | 202.0 | 204.0 | 40  |      |    |        | 204.0 | 207.0 | <0.008 | 48   |  |  |  |  |  |  |
|             |       |   | 204.0 | 205.2 | 50  |      |    |        | 207.0 | 209.0 | 0.012  | 49   |  |  |  |  |  |  |
|             |       |   | 205.2 | 207.0 | 16  |      |    |        | 209.0 | 211.0 | 0.009  | 41   |  |  |  |  |  |  |
|             |       |   | 207.0 | 207.5 | 80  |      |    |        | 211.0 | 216.5 | 0.026  | 261  |  |  |  |  |  |  |
|             |       |   | 207.5 | 208.5 | 80  |      |    |        |       |       |        |      |  |  |  |  |  |  |
|             |       |   | 208.5 | 209.2 | 85  |      |    |        |       |       |        |      |  |  |  |  |  |  |
|             |       |   | 209.2 | 211.0 | 45  |      |    |        |       |       |        |      |  |  |  |  |  |  |
| 213.0       | 232.0 | <b>Fossiliferous Siltstone &amp; Minor Sandstone</b><br><br>Dark grey siltstone, minor sandstone.<br><br>BCA 40°?<br><br>Very poor recoveries. Some 1-10 mm quartz veins near top of unit and at 223.5 m.<br><br>Rhyconella fossils.<br><br>Unit very broken, reduced to clays and muds in some sections.<br><br>Only very minor fine disseminated pyrite.<br><br>Reduced to BQ at 221.0 m. | 213.0 | 215.2 | 20  |      |    |        |       |       |        |      |  |  |  |  |  |  |
|             |       |   | 215.2 | 216.5 | 8   |      |    |        |       |       |        |      |  |  |  |  |  |  |
|             |       |   | 216.5 | 218.0 | 0   |      |    |        |       |       |        |      |  |  |  |  |  |  |
|             |       |   | 218.0 | 219.4 | 60  |      |    |        | 218.0 | 220.0 | 0.060  | 1049 |  |  |  |  |  |  |
|             |       |   | 219.4 | 220.0 | 66  |      |    |        | 220.0 | 222.0 | 0.032  | 1140 |  |  |  |  |  |  |
|             |       |   | 220.0 | 221.2 | 8   |      |    |        |       |       |        |      |  |  |  |  |  |  |
|             |       |   | 221.2 | 222.2 | 80  |      |    |        |       |       |        |      |  |  |  |  |  |  |
|             |       |   | 222.2 | 223.6 | 85  |      |    |        |       |       |        |      |  |  |  |  |  |  |
|             |       |   | 223.6 | 225.0 | 14  |      |    |        |       |       |        |      |  |  |  |  |  |  |
|             |       |   | 225.0 | 227.0 | 10  |      |    |        |       |       |        |      |  |  |  |  |  |  |
|             |       |   | 227.0 | 228.0 | 80  |      |    |        |       |       |        |      |  |  |  |  |  |  |
| 228.0       | 228.5 | 20  |       |       |     |      |    |        |       |       |        |      |  |  |  |  |  |  |
| 228.5       | 231.9 | 45  |       |       |     |      |    |        |       |       |        |      |  |  |  |  |  |  |

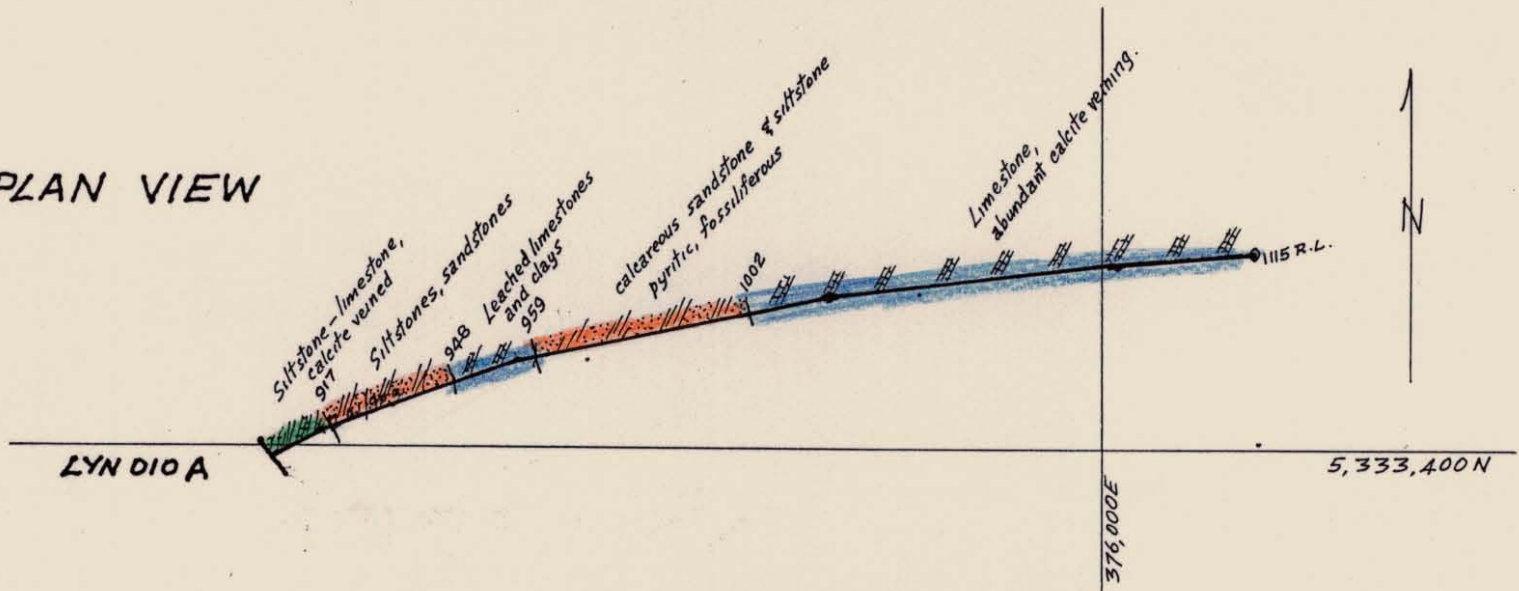
746044

**COMPANY:** Goldstream-Titan  
**PROJECT:** Lynchford  
**HOLE NUMBER:** LYN010A

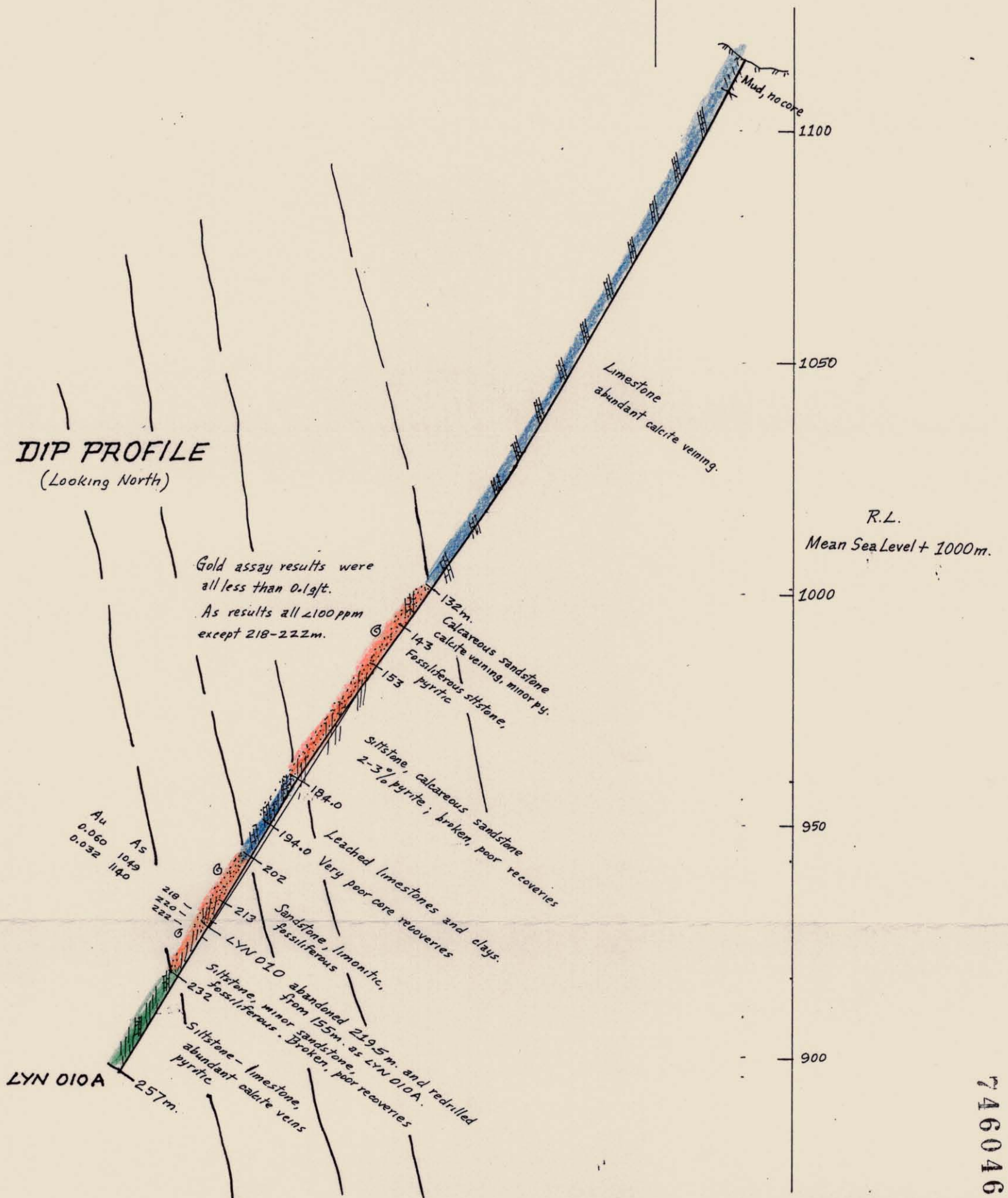
| Description |       | Core Recovery  |       |     | RQD  |    |   | Assays |    |    |    |  |  |  |  |
|-------------|-------|--|-------|-----|------|----|---|--------|----|----|----|--|--|--|--|
| From        | To    | From   | To    | %   | From | To | % | From   | To | Au | As |  |  |  |  |
| 232.0       | 257.0 | <b>Calcite Veined Interbedded Siltstone-Limestone</b><br><br>Medium grey siltstone interbedded with light grey limestone.<br><br>BCA 30%.<br><br>Abundant 1-5 mm white calcite veins cutting core at high angles, typically 60-80° - only in siltstone beds.<br><br>Up to 1% pyrite in bedding parallel streaks and disseminations (syngenetic pyrite?).<br><br>Core broken and with poor recoveries near top of unit, becoming more competent towards base but still with some broken zones.<br><br>*** END OF HOLE *** |       |     |      |    |   |        |    |    |    |  |  |  |  |
|             |       | 231.9  | 233.5 | 87  |      |    |   |        |    |    |    |  |  |  |  |
|             |       | 233.5  | 237.0 | 80  |      |    |   |        |    |    |    |  |  |  |  |
|             |       | 237.0  | 240.0 | 82  |      |    |   |        |    |    |    |  |  |  |  |
|             |       | 240.0  | 242.4 | 90  |      |    |   |        |    |    |    |  |  |  |  |
|             |       | 242.4  | 248.2 | 100 |      |    |   |        |    |    |    |  |  |  |  |
|             |       | 248.2  | 250.4 | 80  |      |    |   |        |    |    |    |  |  |  |  |
|             |       | 250.4  | 252.0 | 100 |      |    |   |        |    |    |    |  |  |  |  |
|             |       | 252.0  | 252.9 | 50  |      |    |   |        |    |    |    |  |  |  |  |
|             |       | 252.9  | 253.4 | 80  |      |    |   |        |    |    |    |  |  |  |  |
|             |       | 253.4  | 257.0 | 100 |      |    |   |        |    |    |    |  |  |  |  |

746045

**PLAN VIEW**



**DIP PROFILE**  
(Looking North)



746046

|  |                 |                           |
|--|-----------------|---------------------------|
| NEWHAM EXPLORATION AND MINING SERVICES |                 |                           |
| <b>E.L. 9/84 - LYNCHFORD AREA</b>      |                 |                           |
| <b>GOLDSTREAM-TITAN J/V</b>            |                 |                           |
| <b>IDH LYN 010 and LYN 010 A</b>       |                 |                           |
| Drawn:<br>Z.A. Newham                  | Date:<br>May 95 | Scale: 1:1,000<br>Figure: |